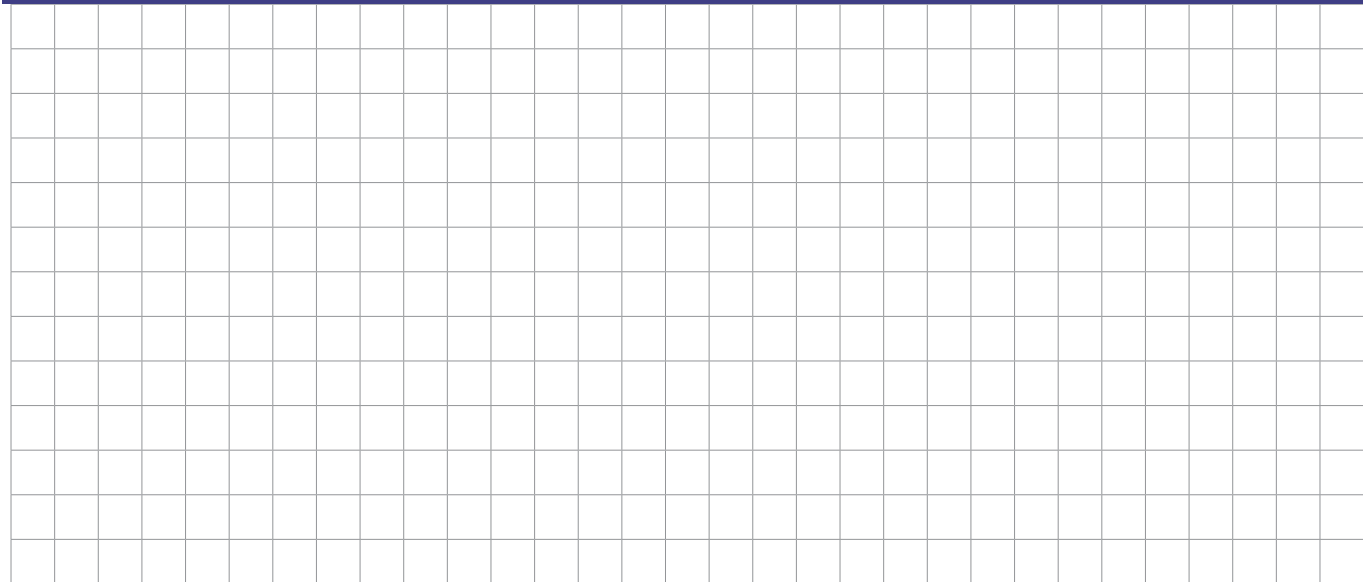


Part Number: Custom Design
High Voltage Reed Relays
Product Data Sheet

SPECIFICATIONS

Contact Form			
Package Style			
CONTACT PARAMETERS			
Switching Voltage	Max	DC/peakAC	
Dielectric Strength	Min	VDC	
Switching Capacity	Max	W	
Switching Current	Max	A	
Carrying Current	Max	A	
Contact Resistance	Max	mΩ	
COIL PARAMETERS			
Nominal Coil Voltage		VDC	
Pull-In Voltage	Max	VDC	
Drop-Out Voltage	Min	VDC	
Operating Voltage	Max	VDC	
Coil Resistance	±15%	Ω	
RELAY PARAMETERS			
Dielectric Strength	coil/contact	Min	VDC
Dielectric Strength	contact/contact	Min	VDC
Insulation Resistance		Min	Ω
Operating Temperature			°C
Storage Temperature			°C
Operate Time incl. Bounce Time max	Typ	ms	
Release Time	Typ	ms	

SKETCH



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HIGH VOLTAGE REED RELAYS

FEATURES

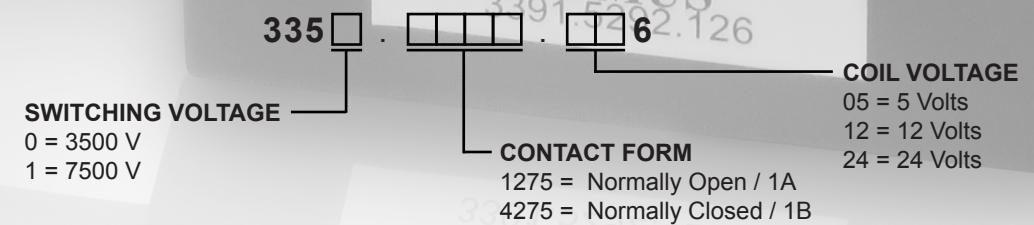
- INDUSTRY STANDARD PACKAGES
- UP TO 10,000 VDC SWITCHING VOLTAGE
- UP TO 14,000 VDC DIELECTRIC STRENGTH
- UP TO 200 WATTS / 5 AMP CARRY CURRENT
- MULTI-POLE, FORM A AND FORM B CONTACTS
- CUSTOM DESIGNS WELCOME

✓ RoHS Compliant

3350 series

Part Number Example: 335X.XXXX.XX6

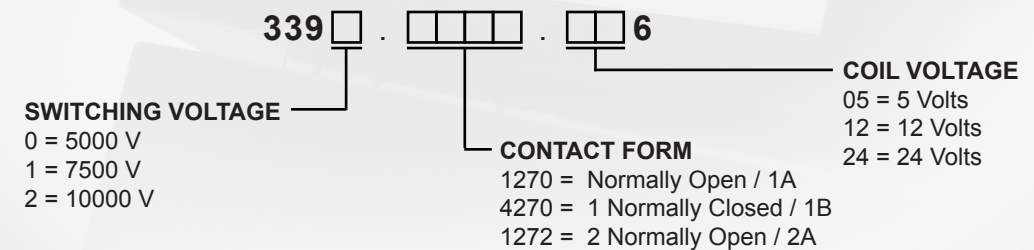
3351.1275.056 = 7500V, Normally Open, 5V coil



3390 series

Part Number Example: 339X.XXXX.XX6

3390.1272.126 = 500V, 2 Normally Open, 12V coil



Part Number: 3350 Series High Voltage Reed Relays Product Data Sheet

SPECIFICATIONS

Contact Form	Normally Open / 1A		Normally Closed / 1B	
	3350	3351	3350	3351
Switching Voltage	3350	3351	3350	3351
Package Style	1275	1275	4275	4275

CONTACT PARAMETERS

Parameter	Max	DC/peakAC	3350	7500	3350	7500
Switching Voltage	Max	DC/peakAC	3500	7500	3500	7500
Dielectric Strength	Min	VDC	7500	10000	7500	10000
Switching Capacity	Max	W	200	50	200	50
Switching Current	Max	A	3	3	3	3
Carrying Current	Max	A	5	5	5	5
Contact Resistance	Max	mΩ	250	100	250	100

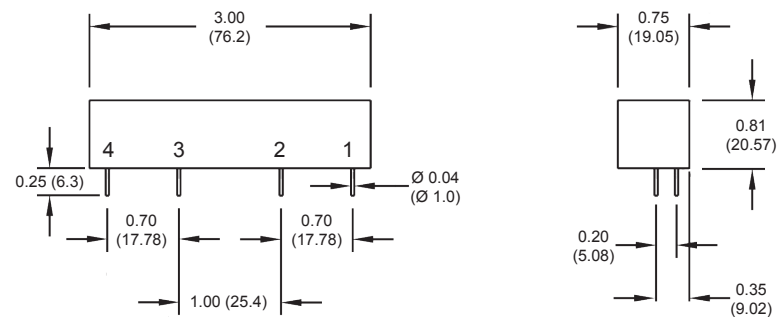
COIL PARAMETERS

Parameter	Max	VDC	5	12	24	5	12	24
Nominal Coil Voltage		VDC	5	12	24	5	12	24
Pull-In Voltage	Max	VDC	3.75	9	18	3.75	9	18
Drop-Out Voltage	Min	VDC	0.5	1	2	0.5	1	2
Operating Voltage	Max	VDC	6.5	15	30	6.5	15	30
Coil Resistance	±15%	Ω	40	175	575	40	175	575

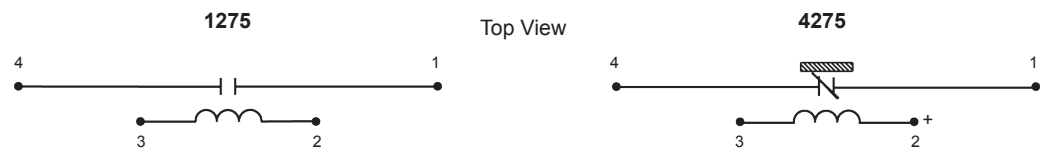
RELAY PARAMETERS

Parameter	coil/contact	Min	VDC	10000	10000
Dielectric Strength	coil/contact	Min	VDC	10000	10000
Insulation Resistance		Min	Ω	1 x 10 ¹⁰	1 x 10 ¹⁰
Operating Temperature			°C	-20 to +85	-20 to +85
Storage Temperature			°C	-35 to +100	-35 to +100
Operate Time incl. Bounce Time	Typ	ms		3.0	3.0
Release Time	Typ	ms		3.0	3.0
Weight, approx.		g		60	60

PACKAGE DIMENSIONS



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Part Number: 3390 Series High Voltage Reed Relays Product Data Sheet

SPECIFICATIONS

Contact Form	1 Normally Open / 1A			1 Normally Closed / 1B			2 Normally Open / 2A		
	3390	3391	3392	3390	3391	3392	3390	3391	3392
Switching Voltage	3390	3391	3392	3390	3391	3392	3390	3391	3392
Package Style	1270	1270	1270	4270	4270	4270	1272	1272	1272

CONTACT PARAMETERS

Parameter	Max	DC/peakAC	5000	7500	10000	5000	7500	10000	5000	7500	10000
Switching Voltage	Max	DC/peakAC	5000	7500	10000	5000	7500	10000	5000	7500	10000
Dielectric Strength	Min	VDC	7000	10000	14000	7000	10000	14000	7000	10000	14000
Switching Capacity	Max	W	50	50	50	50	50	50	50	50	50
Switching Current	Max	A	3	3	3	3	3	3	3	3	3
Carrying Current	Max	A	5	5	5	5	5	5	5	5	5
Contact Resistance	Max	mΩ	250	250	250	250	250	250	250	250	250

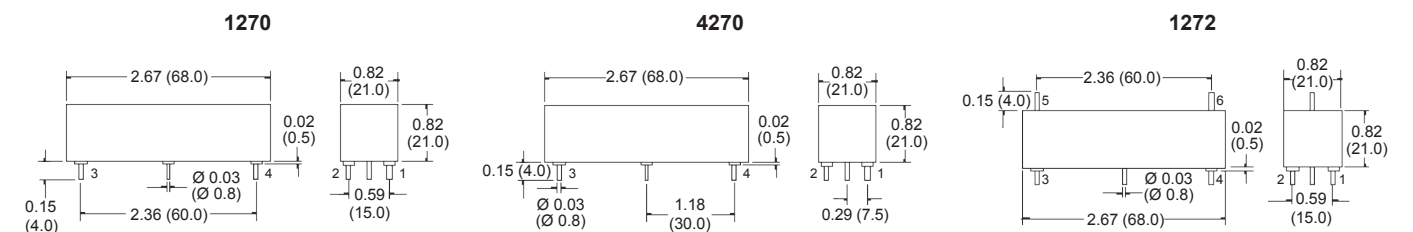
COIL PARAMETERS

Parameter	Max	VDC	5	12	24	5	12	24	5	12	24
Nominal Coil Voltage		VDC	5	12	24	5	12	24	5	12	24
Pull-In Voltage	Max	VDC	4	10	20	4	10	20	4	10	20
Drop-Out Voltage	Min	VDC	1	2	4	1	1	2	1	1.2	2.4
Operating Voltage	Max	VDC	8	18	36	8	14.5	27	8	16	29
Coil Resistance	±15%	Ω	35	200	720	35	400	675	35	85	275

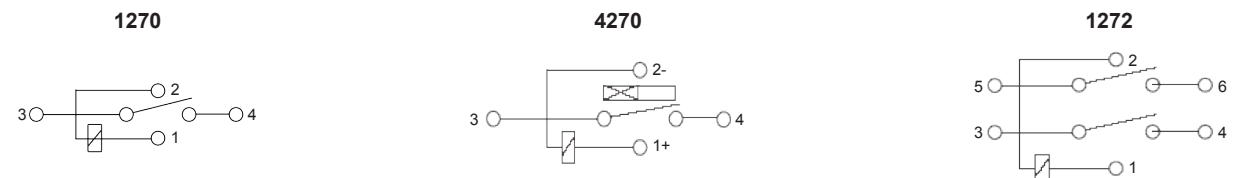
RELAY PARAMETERS

Parameter	coil/contact	Min	VDC	20000	20000	10000
Dielectric Strength	coil/contact	Min	VDC	20000	20000	10000
Dielectric Strength	switch1/switch2	Min	VDC	-	-	10000
Insulation Resistance		Min	Ω	1 x 10 ⁹	1 x 10 ⁹	1 x 10 ⁹
Operating Temperature			°C	-20 to +85	-20 to +85	-20 to +85
Storage Temperature			°C	-35 to +100	-35 to +100	-35 to +100
Operate Time incl. Bounce Time	Typ	ms		3.5	3.5	3.5
Release Time	Typ	ms		3.0	3.0	3.0
Weight, approx.		g		55	55	65

PACKAGE DIMENSIONS



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